# IN THE UNITED STANDS PATENT AND TRADEMARK OFFICE

In re I	Patent Application of:	)	Group Art Unit: 1634
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BECK	KER	)	Examiner: Chakrabarti, A.
		)	CD102 00 LIT
Serial	No. 10/020,596	)	Atty. Docket No. GP123-02.UT
	7 2001	)	Confirmation No. 6565
Filed:	December 7, 2001	)	Confirmation No. 0303
For:	METHOD FOR ENHANCING	)	Due Date: September 2, 2003
FOI:		)	[August 30 <sup>th</sup> = Saturday
	THE ASSOCIATION RATES	)	
	OF POLYNUCLEOTIDES	)	September 1 <sup>st</sup> = Holiday

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)(1) & (e)(1)

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Applicant brings to the Examiner's attention the references listed on the enclosed forms PTO/SB/08A and 08B (two copies each) for consideration in connection with the examination of the above-captioned application. A copy of each listed reference is enclosed herewith.

The undersigned hereby certifies that each of the references listed on the enclosed PTO/SB/08 forms was first cited in a PCT International Search Report that was mailed in a counterpart international application not more than three months prior to the filing of this Information Disclosure Statement. A copy of the International Search Report is enclosed herewith.

Applicant respectfully requests that the Examiner indicate consideration of the cited references by returning a copy of the enclosed PTO/SB/08 forms with the Examiner's initials or other appropriate marks.

#### SUPPLEMENTAL IDS

No fee is believed due in connection with this communication. If Applicant is mistaken, please charge the amount due to Deposit Account No. 07-0835 in the name of Gen-Probe Incorporated.

#### **Certificate of Mailing**

I hereby certify that this correspondence (along with any referred to as being enclosed) is being deposited on the date indicated below with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Respectfully Submitted,

Date: September 2, 2003

By:

Charles B. Cappellari Registration No. 40,937 Attorney for Applicants

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2	Attorney Docket Number	GF
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Complete if Known			
Application Number	10/020,596		
Filing Date	December 7, 2001		
First Named Inventor	BECKER		
Art Unit	1634		
Examiner Name	Chakrabarti, A.		
Attorney Docket Number	GP123-02.UT		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,834,854	05-30-1989	Sugihara et al.	
		US- 5,747,254-A	05-05-1998	Pontius	
		<sup>US-</sup> 6,017,700-A	01-25-2000	Horn et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
		WO 95/06056 A1	03-02-1995	University of Medicine & Dentistry of New Jersey	**************************************	L
	1	WO 97/43450 A1	11-20-1997	Affymetrix, Inc.		L
	<b>†</b>	WO 00/72016 A1	11-30-2000	Caliper Technologies Corp.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	L
	†************	WO 03018841 A	06-03-2003	Circle for the Promotion of Science & Engineering	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ŀ
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\*English Language Abstract Attached

Everniner	Date	
Examiner	Considered	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Acreoma 6 ired to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995 Complet if Kn wn Substitute for form 1449/PTO Applicati n Number 10/020,596 Filing Date INFORMATION DISCLOSURE December 7, 2001 STATEMENT BY APPLICANT **First Named Inventor BECKER** Art Unit 1634 (Use as many sheets as necessary) **Examiner Name** Chakrabarti, A. Attorney Docket Number **GP123-02.UT** 2 Sheet 2

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MAJLESSI et al., "Advantages of 2'-O-methyl oligoribonucleotide probes for detecting RNA targets", Nucleic Acids Research, 1998, 26(9):2224-2229	
		MARUYAMA et al., "Characterization of Interpolyelectrolyte Complexes between Double-Stranded DNA and Polylysine Comb-Type Copolymers Having Hydrophilic Side Chains", Bioconjugate Chem., 1998, 9:292-299	
		TYAGI et al., "Molecular Beacons: Probes that Fluoresce upon Hybridization", Nature Biotechnology, 1996, 14:303-308	
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Examiner	Date
Signature	Considered
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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